5. Lottery

Program Name: Lottery.java Input File: lottery.dat

You bought a lottery ticket that has a long integer (the ticket number) printed on it. The drawing of the winning number is being shown on TV. To decide the winning number, the announcer pulls a random digit out of a bin, which becomes the least significant digit of the winning number. He then continues to pull digits out, and appends them to the left of the existing number, building up the suspense.

You would love to win a prize. The deal is that for every digit in your ticket's number that matches the digit in the same position (counting from the rightmost position) of the winning number, you win $10. Note that the winning number may have more or fewer digits than your own number. The match has to be true for position and value.

Write a program to calculate your winnings.

Input
The first line has the number of testcases, `T`. `T` lines follow, one line for each testcase.
Each testcase contains two integers `N` and `M`, separated by a space. The numbers will not have leading zeros followed by a non-zero digit.

Output
For each testcase, print out your winnings in dollars.

Constraints
```
0 <= N <= 9,999,999,999
0 <= M <= 9,999,999,999
```

Example Input File
```
3
42382 342
123456 654321
380 0
```

Example Output to Screen
```
$20
$0
$10
```